

Terminal Island WWTP  
R4-2005-0024

**Information to be entered into CDF Tool:**

**M-001**

Flow	1 / Day	MGD
Turbidity	1 / Day	NTU
Chlorine, Total Residual	1 / Day	mg/L
Temperature	1 / Week	Degrees F
pH	1 / Week	SU
Settleable Solids	1 / Week	ml/L
Total Suspended Solids (TSS)	1 / Week	mg/L
Total Suspended Solids (TSS)	1 / Week	lb/day
Total Suspended Solids (TSS)	1 / Week	lb/day
Total Suspended Solids (TSS), Percent Removal	1 / Month	%
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	lb/day
BOD5 @ 20 Deg. C, Percent Removal	1 / Month	%
Oil and Grease	1 / Week	mg/L
Oil and Grease	1 / Week	lb/day
Dissolved Oxygen	1 / Week	mg/L
Ammonia, Total (as N)	1 / Month	mg/L
Nitrite Plus Nitrate (as N)	1 / Month	mg/L
Nitrogen, Total Organic (as N)	1 / Month	mg/L
Nitrogen, Total (as N)	1 / Month	mg/L
Methylene Blue Active Substances (MBAS)	1 / Month	mg/L
Chronic Toxicity	1 / Month	TUc
Acute Toxicity	1 / Month	% survival
Copper, Total Recoverable	1 / Month	ug/L
Lead, Total Recoverable	1 / Month	ug/L
Mercury, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	lb/day
Silver, Total Recoverable	1 / Month	ug/L
Cyanide, Total (as CN)	1 / Month	ug/L
Bis (2-Ethylhexyl) Phthalate	1 / Month	ug/L
Bis (2-Ethylhexyl) Phthalate	1 / Month	lb/day

**M-INF**

Flow	1 / Day	MGD
pH	1 / Week	SU
Total Suspended Solids (TSS)	1 / Week	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Week	mg/L

**Narrative:**

M-001

Chronic Toxicity: If the chronic toxicity in the effluent exceeds the trigger as defined in the permit, then the Discharger shall begin to conduct six additional tests, approximately every 7 days, over a six week period. ( Final requirement through the Reg Meas Period ) [ All year ]

Acute Toxicity: If either acute toxicity limit is exceeded, then the Discharger shall begin to implement accelerated monitoring in accordance with section V.4.A.a in the Monitoring and Reporting Program. ( Final requirement through the Reg Meas Period ) [ All year ]

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If radium 226&228 exceeds the stipulated criteria, the Discharger must monitor for tritium, strontium-90, and uranium, and submit the results separately. ( Final requirement effective null - null) [ All year ]

Turbidity: Turbidity of the effluent shall not exceed a daily average of 2 NTU. ( Final requirement effective null - null) [ All year ]

Turbidity: Turbidity of the effluent shall not exceed 5 NTUs more than 5 percent of the time (72 minutes) during any 24-hour period. ( Final requirement effective null - null) [ All year ]

Acute Toxicity: The acute toxicity of the effluent shall be such that the average survival in the undiluted effluent for any three consecutive 96-hour static, static-renewal, or continuous flow bioassay tests shall be at least 90%. ( Final requirement effective null - null) [ All year ]

General

The Discharger shall submit data for receiving water as a separate attachment. ( Final requirement effective null - null) [ All year ]

**Pre-Calculated:**

N/A

**Raw Data:**

Cobalt Thiocyanate Active Substances (CTAS)	1 / Month	mg/L
Dieldrin	1 / Month	ug/L